

Abstract

Process for preparing a polymer

- 5 The present invention relates to a process for preparing a catalyst, a novel polymer and a process for preparing the polymer. In particular, the invention provides a process for preparing a homopolymer and/or copolymer having an irregular particle structure and
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| a melt flow index (MFR 190/15) | of from 1.3 g/10 min to 10 g/10 min, |
| a molecular weight distribution M_w/M_n | of from 3 to 30, |
| a bulk density | of from 0.05 g/cc to 0.4 g/cc and |
| a particle size | of from 5 μm to 300 μm , |
- 10 which comprises polymerizing the monomers in the presence of a mixed catalyst comprising a titanium component and an organic aluminum compound and the presence of a molar mass regulator.

05/05/2005 10:50:50